

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/051935

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06K15/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06K G06F H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2003/133164 A1 (TSAI YAO-HUNG) 17 July 2003 (2003-07-17) paragraph '0051! - paragraph '0054!	1, 2, 4, 24, 25 3, 5-20, 28-46, 51-56, 63-66, 68-82
Y	paragraph '0083! - paragraph '0085! ----- WO 02/42955 A (LAPSTUN JACQUELINE ANNE ; SILVERBROOK RES PTY LTD (AU); WALMSLEY SIMON) 30 May 2002 (2002-05-30)  page 14, line 32 - page 15, line 30 page 22, line 10 - line 22 page 24, line 21 - page 27, line 20 page 62, line 20 - page 66, line 25 ----- -/--	3, 5-20, 28-46, 51-56, 63-66, 68-82

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- '&' document member of the same patent family

Date of the actual completion of the international search

1 April 2005

Date of mailing of the international search report

25. 04. 2005

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

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PCT/EP2004/051935

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/89850 A (SILVERBROOK RES PTY LTD ; WALMSLEY SIMON ROBERT (AU)) 29 November 2001 (2001-11-29) page 5, line 1 - page 6, line 4	21-23, 26,27, 49,50
Y	page 9, line 29 - page 11, line 26; figures	47,48
A	page 10, line 28 - page 11, line 26; figure 6	57,58, 61,67
Y	----- WO 03/018316 A (SILVERBROOK RESEARCH PTY. LTD; SILVERBROOK, KIA) 6 March 2003 (2003-03-06) page 78, line 24 - page 82, line 22; figures 2,36-39	47,48
X	----- EP 0 622 952 A (BARCO GRAPHICS N.V) 2 November 1994 (1994-11-02)	57
Y	page 4, line 30 - page 8, line 31	58
X	----- US 6 441 913 B1 (ANABUKI TETSUSHI ET AL) 27 August 2002 (2002-08-27)	61,67
Y	column 4, line 33 - column 5, line 23 column 7, line 39 - column 8, line 27 column 16, line 39 - line 67	58
X	----- US 5 615 312 A (KOHLE ET AL) 25 March 1997 (1997-03-25) column 6, line 32 - line 58; figure 5y	57,58
X	----- US 2003/151756 A1 (YAMAZAKI SATOSHI ET AL) 14 August 2003 (2003-08-14) paragraph '0099! - paragraph '0100!; figure 4	57
A	----- WO 01/26032 A (EDSOE TOMAS ; ANOTO AB (SE); PETTERSSON MATS PETTER (SE)) 12 April 2001 (2001-04-12) cited in the application the whole document	1
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# INTERNATIONAL SEARCH REPORT

International application No.  
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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20,24,25,28-46,51-56,63-66,68-82

Printing of a position-determining, machine-readable pattern and other content in a single document by a same printer using inks of same colour and different optical absorption properties outside the visible spectrum.

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2. claims: 21-23,26,27,49,50

Printing of a position-determining, machine-readable pattern pattern and other content in a single document by a same printer where the data for the position-determining is not subjected to the same treatment as the other content.

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3. claims: 47,48

Method of printing a position-determining, machine-readable pattern pattern and other content in a single document by a same printer comprising reproducing an already-rasterized document and changing the colour space in which to express the content and reserving a colour plane for the position-determining pattern.

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4. claims: 57-62,67

Printing of a position-determining pattern, machine-readable pattern and other content in a single document by a same printer using a specific colour conversion means for the portions of the document where the position-determining pattern and the other content are superposed.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051935

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